

FOR NATIONAL PHASE SUBMISSION

**CLAIM AMENDMENTS**

WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

1. (Currently Amended) An actuator unit with comprising:

- a tube spring-(32);
- a piezoelectric actuator-(31), that is inserted into the tube spring-(32),
- a first cap-(33), that is connected to the tube spring-(32) at a first free end-(34) of the tube spring-(32) and which is adjoined by the piezoelectric actuator-(31), ~~characterised in that the actuator unit further comprises,~~
- a tube-shaped body-(38), that is connected to the tube spring-(32) by joining and is arranged in the area of a second free end-(35) of the tube spring-(32), and
- a means for pretensioning, that is supported by the tube-shaped body-(38) and pretensions the piezoelectric actuator-(31).

2. (Currently Amended) An actuator unit according to claim 1, with comprising a body-(37), that comprises a disc-shaped part-(371), which is inserted into the tube spring-(32) between the piezoelectric actuator-(31) and the tube-shaped body-(38) and which is influenced by the means for pretensioning.

3. (Currently Amended) An actuator unit according to claim 2, with wherein the body-(37) being is a bolt-shaped body.

FOR NATIONAL PHASE SUBMISSION

3

4. (Currently Amended) An actuator unit according to claim 1, comprising in accordance with one of the preceding claims, characterized in that  
~~there is~~ a thread in the tube-shaped body-(38), that and wherein the pretensioning means is a screw that is screwed into the thread.

5. (Currently Amended) An actuator unit according to claim 3, whereinin accordance with claims 3,  
~~characterized in that~~  
the bolt-shaped body is spherically shaped on its shaft side.

6. (Currently Amended) An actuator unit according to claim 1, whereinin accordance with one of the preceding claims,  
~~characterized in that~~  
the tube-shaped body-(38) has a jump-(381) in its diameter on its outer circumference.

7. (Currently Amended) An actuator unit according to claim 1, whereinin accordance with one of the preceding claims,  
~~characterized in that~~  
the tube-shaped body-(38) is joined to the tube spring-(32) by welding.

FOR NATIONAL PHASE SUBMISSION

8. (Currently Amended) A Method for manufacturing an actuator unit, ~~which comprising~~es the steps of

- joining a first cap-(33) with a tube spring-(32) on a first free end-(34) of the tube spring-(32),
- inserting a piezoelectric actuator into the tube spring-(32),
- arranging a tube-shaped body-(38) in the area of a second free end-(35) of the tube spring-(32) and connecting the tube spring-(32) by joining and
- inserting a pretensioning means, that is supported by the tube-shaped body-(38) and pretensions a piezoelectric actuator-(31).

9. (Currently Amended) A method in accordance with claim 8, wherein

~~characterized in that~~

after inserting the piezoelectric actuator-(31) into the tube spring-(32) a body-(37) is inserted, that comprises a disc-shaped part-(371), into the tube spring-(32) from the side of the second free end-(35).

10. (NEW) An actuator unit comprising:

- a tube spring comprising a piezoelectric actuator,
- a first cap connected to the tube spring at a first free end of the tube spring,
- a tube-shaped body, that is connected to the tube spring and arranged in the area of a second free end of the tube spring, and
- a piezoelectric actuator pretensioning device supported by the tube-shaped body.

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PATENT APPLICATION

FOR NATIONAL PHASE SUBMISSION

5

11. (NEW) An actuator unit according to claim 10, comprising a body, that comprises a disc-shaped part, which is inserted into the tube spring between the piezoelectric actuator and the tube-shaped body and which is influenced by the piezoelectric actuator pretensioning device.

12. (NEW) An actuator unit according to claim 11, wherein the body is a bolt-shaped body.

13. (NEW) An actuator unit according to claim 10, comprising a thread in the tube-shaped body, and wherein the piezoelectric actuator pretensioning device is a screw that is screwed into the thread.

14. (NEW) An actuator unit according to claim 12, wherein the bolt-shaped body is spherically shaped on its shaft side.

15. (NEW) An actuator unit according to claim 10, wherein the tube-shaped body has a jump in its diameter on its outer circumference.

16. (NEW) An actuator unit according to claim 10, wherein the tube-shaped body is joined to the tube spring by welding.